

NASCIMBENE
Appl. No. 10/049,810

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Cancelled)
2. (Cancelled)
3. (Cancelled)
4. (Cancelled)
5. (Cancelled)
6. (Cancelled)

7. (Currently Amended) A point-multipoint radio communication system comprising

plural radio nodes; and

plural subscriber access terminals, each subscriber access terminal being normally allocated to one of the plural radio nodes as its respective original radio node, the respective original radio node bearing an additional traffic capability, each subscriber access terminal having an antenna directed to its respective original radio node and being adapted to switch automatically and autonomously from the its respective original radio node to an alternative host radio node, which host radio node is normally allocated to another access terminal, upon detecting failure of the respective original radio node.

8. (Previously Presented) The point-multipoint radio communication system of claim 7, wherein at least one of the subscriber access terminals has redundancy switching logic.

9. (Previously Presented) The point-multipoint radio communication system of claim 7, further comprising a management system which controls the plural radio nodes

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and which detects and turns off said respective original radio node upon the failure, and which re-routes traffic connections belonging to an affected one of the plural access terminals to said alternative host radio node.

10. (Previously Presented) The point-multipoint radio communication system of claim 9, wherein said management system communicates to the affected one of the plural access terminals to switch to the respective original radio node upon restoration of the original radio node.

11. (Previously Presented) The point-multipoint radio communication system of claim 7, wherein said alternative host radio node is located in a same hub as the respective original radio node.

12. (Previously Presented) The point-multipoint radio communication system of claim 7, wherein said alternative host radio node is located in a hub different than the respective original radio node.

13. (Previously Presented) The point-multipoint radio communication system of claim 12, wherein at least one of the plural access terminals is provided with two antennas directed towards said two different hubs and with a two-way radio frequency switch.

14. (Previously Presented) The point-multipoint radio communication system of claim 12, wherein at least one of the plural access terminals is provided with a single antenna with electronically routed beams to the two different hubs.